SSC Selection Post 10 Nov 2020 shift 1 Matriculation Level

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Section : **General Intelligence**

Q.1 In a code language, SAME is written as SMEA. How will FLOW be written in that language?

Ans
✔ 1. WOLF
✘ 2. WOFL
✘ 3. FOLW
✘ 4. FLWO

Question ID : **6549781422**
Status : **Answered**
Chosen Option : **1**

Q.2 Two statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:
All wires are motors.
All motors are pumps.

Conclusions:
I. All wires are pumps.
II. Some motors are wires.

Ans
✘ 1. Either conclusion I or II follows
✘ 2. Only conclusion I follows
✔ 3. Both the conclusions I and II follow
✘ 4. Only conclusion II follows

Question ID : **6549781433**
Status : **Answered**
Chosen Option : **3**

Q.3 Select the option that is related to the third number in the same way as the second number is related to the first number.

8 : 145 :: 11 : ?

Ans
1. 275
2. 265
3. 315
4. 290

Question ID : **6549781436**
Status : **Not Answered**
Chosen Option : **--**

Q.4 In a code language, if STIMULI is written as 7 and INFORMATION is written as 11, then how will GRANULES be written in the same language?

Ans
1. 17
2. 8
3. 12
4. 9

Question ID : **6549781425**
Status : **Answered**
Chosen Option : **2**

Q.5 Select the correct option that indicates the arrangement of the following words in a logical order.

1. Century
2. Month
3. Year
4. Decade
5. Millennium

Ans
1. 5, 1, 4, 3, 2
2. 5, 1, 3, 4, 2
3. 5, 4, 1, 3, 2
4. 1, 5, 4, 2, 3

Question ID : **6549781418**
Status : **Answered**
Chosen Option : **1**

Q.6 'Praise' is related to 'Condemn' in the same way as 'Lazy' is related to '_____'.

Ans
1. Calm
2. Inactive
3. Honest
4. Industrious

Question ID : **6549781419**
Status : **Answered**
Chosen Option : **2**

Q.7 In a code language, if CLOSURE is written as 312151921185, then how will INFLUENCE be written in the same language?

Ans
✔ 1. 9146122151435
✘ 2. 9136122151335
✘ 3. 8146122051435
✘ 4. 1847122151435

Question ID : **6549781426**
Status : **Answered**
Chosen Option : **1**

Q.8 In a code language, COMBINE is written as MOCCENI. How will ADVANCE be written in that language?

Ans
✘ 1. VDAKECN
✘ 2. VDBDCEN
✘ 3. VDABENC
✔ 4. VDABECN

Question ID : **6549781421**
Status : **Not Answered**
Chosen Option : **--**

Q.9 Select the letter-cluster that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

CLC : XOX : : BRB : ?

Ans
✘ 1. ZIZ
✔ 2. YIY
✘ 3. PYQ
✘ 4. YQY

Question ID : **6549781415**
Status : **Answered**
Chosen Option : **2**

Q.10 'Media' is related to 'Journalist' in the same way as 'Medicine' is related to '_____'.

Ans
✘ 1. Treatment
✔ 2. Doctor
✘ 3. Disease
✘ 4. Hospital

Question ID : **6549781420**
Status : **Answered**
Chosen Option : **2**

Q.11 Select the option that represents the correct order of the given words as they would appear in an English dictionary?

1. Nostril
2. Nausea
3. Nasty
4. Narrate
5. Needle

Ans

✗ 1. 5, 4, 3, 1, 2

✗ 2. 4, 5, 3, 1, 2

✓ 3. 4, 3, 2, 5, 1

✗ 4. 4, 5, 1, 3, 2

Question ID : **6549781417**
Status : **Answered**
Chosen Option : **3**

Q.12 'A & B' means 'A is the brother of B'.
'A $ B' means 'A is the wife of B'.
'A @ B' means 'A is the son of B'

If H & D $ K @ T $ L, then how is K related to L?

Ans

✗ 1. Son-in-law

✗ 2. Father

✗ 3. Brother

✓ 4. Son

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Question ID : **6549781432**
Status : **Answered**
Chosen Option : **4**

Q.13 Which two numbers should be interchanged to make the given equation correct?

$51 - 4 \times 7 + 81 \div 3 = 70$

Ans

✗ 1. 7 and 51

✗ 2. 3 and 4

✗ 3. 51 and 3

✓ 4. 51 and 81

Question ID : **6549781437**
Status : **Answered**
Chosen Option : **4**

Q.14 Which number will replace the question mark (?) in the following series?

22, 46, 94, 190, ?

Ans
1. 412
2. 370
3. 382 ✔
4. 394

Question ID : **6549781435**
Status : **Answered**
Chosen Option : **3**

Q.15 Niranjan is the son of Sumit. Prakriti is the mother of Nilanjana. Virat's mother is Nilanjana. Prakriti is the mother of Kriti's father, Niranjan. How is Sumit related to Prakriti?

Ans
1. Father
2. Brother
3. Son
4. Husband ✔

Question ID : **6549781431**
Status : **Answered**
Chosen Option : **4**

Q.16 In a code language, if TERMS is written as 375, then how will ORGANS be written in the same language?

Ans
1. 544
2. 244
3. 344
4. 444 ✔

Question ID : **6549781427**
Status : **Not Answered**
Chosen Option : **--**

Q.17 Select the set of letters that, when sequentially placed in the blanks of the given letter series, will complete the letter series.

Z _ P _ _ U _ D Z U _ D

Ans
1. P D Z P P
2. U P Z D P
3. U D Z U P
4. U D Z P P ✔

Question ID : **6549781429**
Status : **Answered**
Chosen Option : **4**

Q.18 Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:
No telegram is a telephone.
All postcards are telegrams.
All envelopes are telegrams.

Conclusions:
I. Some postcards are telephones.
II. No envelope is a telephone.
III. No telephone is a postcard.

Ans
✗ 1. All of the conclusions follow
✓ 2. Only conclusions II and III follow
✗ 3. Only conclusions I and III follow
✗ 4. Only conclusions I and II follow

Question ID : **6549781434**
Status : **Answered**
Chosen Option : **2**

Q.19 In a code language, LEAVE is written as RKGBK. How will FLOAT be written in that language?

Ans
✗ 1. MSUGZ
✗ 2. LRVGY
✗ 3. LRUFA
✓ 4. LRUGZ

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Question ID : **6549781424**
Status : **Answered**
Chosen Option : **2**

Q.20 In a code language, SOUGHT is written as VRXDEQ. How will ENSURE be written in that language?

Ans
✗ 1. HPVSOB
✓ 2. HQVROB
✗ 3. HQUROC
✗ 4. GQVRPB

Question ID : **6549781423**
Status : **Answered**
Chosen Option : **2**

Q.21 Select the correct mirror image of the given figure when the mirror is placed to its right side.

Ans

✔ 1.

✘ 2.

✘ 3.

✘ 4.

Question ID : **6549781439**
Status : **Answered**
Chosen Option : **1**

Q.22 Select the letter-cluster that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

QCMT : NYHN : : UNPJ : ?

Ans

✘ 1. RJLE

✘ 2. RHKD

✔ 3. RJKD

✘ 4. QMKD

Question ID : **6549781416**
Status : **Answered**
Chosen Option : **1**

Q.23 Select the set of letters that, when sequentially placed in the blanks of the given letter series, will complete the letter series.

A _ C K B B _ K _ B C _ D _ C K

Ans

✔ 1. B C C K B

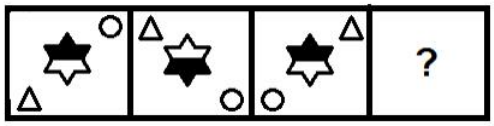
✘ 2. B K C K B

✘ 3. B C E K F

✘ 4. B C K K B

Question ID : **6549781430**
Status : **Not Answered**
Chosen Option : **--**

Q.24 Select the figure that will come next in place of the question mark [?] in the following figure series.

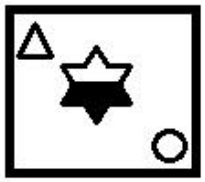


Ans

✘ 1.

✔ 2.

✘ 3.



✘ 4.

Question ID : **6549781438**
Status : **Answered**
Chosen Option : **2**

Q.25 In a code language, if INTERVAL is written as 914205952615, then how will RESPONSE be written in the same language?

Ans
✔ 1. 18519161213822
✘ 2. 18519111213195
✘ 3. 9519161514195
✘ 4. 18581615138225

Question ID : **6549781428**
Status : **Answered**
Chosen Option : **2**

Section : **English Language**

Q.1 Select the word which gives the most appropriate meaning of the given group of words.

Incapable of being read

Ans
✔ 1. Illegible
✘ 2. Infallible
✘ 3. Indelible
✘ 4. Inevitable

Question ID : **6549781450**
Status : **Not Answered**
Chosen Option : **--**

Q.2 Select the word with the incorrect spelling.

Ans
✔ 1. Voluntery
✘ 2. Different
✘ 3. Significance
✘ 4. Honorary

Question ID : **6549781452**
Status : **Answered**
Chosen Option : **1**

Q.3 Fill in the blank with the most appropriate word.

Fertilizers and insecticides have increased agricultural _____ so that the swelling populations can be fed.

Ans
✘ 1. outlay
✔ 2. output
✘ 3. investment
✘ 4. dispersal

Question ID : **6549781443**
Status : **Not Answered**
Chosen Option : **--**

Q.4 **Select the most appropriate synonym of the given word.**

TIMID

Ans
- ✗ 1. easy
- ✗ 2. deep
- ✓ 3. shy
- ✗ 4. warm

Question ID : **6549781444**
Status : **Not Answered**
Chosen Option : **--**

Q.5 **Select the most appropriate antonym of the given word.**

EXTINCT

Ans
- ✗ 1. unknown
- ✗ 2. careless
- ✗ 3. outside
- ✓ 4. living

Question ID : **6549781447**
Status : **Answered**
Chosen Option : **4**

Q.6 **Select the most appropriate antonym of the given word.**

PALE

Ans
- ✗ 1. quiet
- ✓ 2. bright
- ✗ 3. colourless
- ✗ 4. foul

Question ID : **6549781446**
Status : **Answered**
Chosen Option : **2**

Q.7 **Select the most appropriate meaning of the given idiom.**

Judge a book by its cover

Ans
- ✗ 1. Select a book to read from a book shop
- ✗ 2. Decide to read an eBook online
- ✓ 3. Rely on outward appearances
- ✗ 4. Pick a new book from a library

Question ID : **6549781448**
Status : **Answered**
Chosen Option : **3**

Q.8 **Select the most appropriate synonym of the given word.**

BLEAK

Ans

✗ 1. clear

✓ 2. grim

✗ 3. bright

✗ 4. sharp

Question ID : **6549781445**
Status : **Not Answered**
Chosen Option : **--**

Q.9 **Select the correct indirect narration of the given sentence.**

Priya told her mother, "I couldn't get all the items you wanted today from the shop."

Ans

✗ 1. Priya told to her mother that I couldn't get all the items you wanted today from the shop.

✗ 2. Priya told her mother that she couldn't get all the items I wanted that day from the shop.

✗ 3. Priya told her mother I couldn't get all the items she wanted today from the shop.

✓ 4. Priya told her mother that she couldn't get all the items her mother wanted that day from the shop.

Question ID : **6549781441**
Status : **Answered**
Chosen Option : **4**

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Q.10 **Select the most appropriate meaning of the given idiom.**

To have cold feet

Ans

✗ 1. To ask for warmer clothing

✗ 2. To feel unwell and feverish

✓ 3. To be too frightened to do something

✗ 4. To be too tired to walk further

Question ID : **6549781449**
Status : **Answered**
Chosen Option : **3**

Q.11 **Select the word with the correct spelling.**

Ans

✗ 1. Tution

✓ 2. Summary

✗ 3. Assignmant

✗ 4. Revission

Question ID : **6549781454**
Status : **Answered**
Chosen Option : **2**

Q.12 Select the word with the correct spelling.

Ans
1. Viscious
2. Proccession
3. Consciousness
4. Elementery

Question ID : **6549781453**
Status : **Answered**
Chosen Option : **4**

Q.13 Select the correct passive voice of the given sentence.

Raman heard a strange noise near the closed door.

Ans
1. A strange noise was hearing Raman near the closed door.
2. A strange noise will be heard near the closed door by Raman.
3. A strange noise is hear by Raman near the closed door.
4. A strange noise was heard near the closed door by Raman.

Question ID : **6549781440**
Status : **Answered**
Chosen Option : **4**

Q.14 Fill in the blank with the most appropriate word.

It is said that Man has _____ almost twenty different animals to make them serve his own needs.

Ans
1. tamed
2. tutored
3. tricked
4. pushed

Question ID : **6549781442**
Status : **Not Answered**
Chosen Option : **--**

Q.15 Select the word which gives the most appropriate meaning of the given group of words.

Having complete power

Ans
1. Omniscient
2. Omnivorous
3. Omnipresent
4. Omnipotent

Question ID : **6549781451**
Status : **Answered**
Chosen Option : **4**

Comprehension:

Read the passage and fill in the blanks with the most appropriate words.

Helen Keller was deaf and blind from the time she was a baby. At first, no one (1)_____ she would be (2)_____ of learning anything, but by the (3)_____ she was six years old, (4)_____ parents decided they would engage a teacher for her. (5)_____, the teacher, Miss Sullivan, had trouble controlling the child.

SubQuestion No : 16

Q.16 Select the most appropriate option to fill in blank 1.

Ans

✗ 1. questioned

✗ 2. meant

✗ 3. allowed

✓ 4. thought

Question ID : **6549781456**
Status : **Answered**
Chosen Option : **4**

Comprehension:

Read the passage and fill in the blanks with the most appropriate words.

Helen Keller was deaf and blind from the time she was a baby. At first, no one (1)_____ she would be (2)_____ of learning anything, but by the (3)_____ she was six years old, (4)_____ parents decided they would engage a teacher for her. (5)_____, the teacher, Miss Sullivan, had trouble controlling the child.

SubQuestion No : 17

Q.17 Select the most appropriate option to fill in blank 2.

Ans

✓ 1. capable

✗ 2. decided

✗ 3. interested

✗ 4. receptive

Question ID : **6549781457**
Status : **Answered**
Chosen Option : **1**

Comprehension:

Read the passage and fill in the blanks with the most appropriate words.

Helen Keller was deaf and blind from the time she was a baby. At first, no one (1)_____ she would be (2)_____ of learning anything, but by the (3)_____ she was six years old, (4)_____ parents decided they would engage a teacher for her. (5)_____, the teacher, Miss Sullivan, had trouble controlling the child.

SubQuestion No : 18

Q.18 Select the most appropriate option to fill in blank 3.

Ans

✗ 1. instance

✗ 2. day

✓ 3. time

✗ 4. period

Question ID : **6549781458**
Status : **Answered**
Chosen Option : **2**

Comprehension:

Read the passage and fill in the blanks with the most appropriate words.

Helen Keller was deaf and blind from the time she was a baby. At first, no one (1)_____ she would be (2)_____ of learning anything, but by the (3)_____ she was six years old, (4)_____ parents decided they would engage a teacher for her. (5)_____, the teacher, Miss Sullivan, had trouble controlling the child.

SubQuestion No : 19

Q.19 Select the most appropriate option to fill in blank 4.

Ans

✗ 1. the

✗ 2. their

✗ 3. his

✓ 4. her

Question ID : **6549781459**
Status : **Answered**
Chosen Option : **4**

Comprehension:

Read the passage and fill in the blanks with the most appropriate words.

Helen Keller was deaf and blind from the time she was a baby. At first, no one (1)_____ she would be (2)_____ of learning anything, but by the (3)_____ she was six years old, (4)_____ parents decided they would engage a teacher for her. (5)_____, the teacher, Miss Sullivan, had trouble controlling the child.

SubQuestion No : 20

Q.20 Select the most appropriate option to fill in blank 5.

Ans

✗ 1. Slowly

✓ 2. Initially

✗ 3. Surely

✗ 4. Finally

Question ID : **6549781460**
Status : **Answered**
Chosen Option : **2**

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Comprehension:

Read the given passage and answer the questions that follow.

Do plants feel pain? Given that plants do not have pain receptors, nerves, or a brain, they do not feel pain as we members of the animal kingdom understand it. Uprooting a carrot or trimming a hedge is not a form of botanical torture, and you can bite into that apple without worry. However, it seems that many plants can perceive and communicate physical stimuli and damage in ways that are more sophisticated than previously thought.
Some plants have obvious sensory abilities, such as the Venus flytrap and its incredible traps that can close in about half a second. Similarly, the sensitive plant rapidly collapses its leaves in response to touch, an adaptation that might serve to startle away potential herbivores. While these plants visibly display a clear sensory capacity, recent research has shown that other plants are able to perceive and respond to mechanical stimuli at a cellular level. Arabidopsis (a mustard plant commonly used in scientific studies) sends out electrical signals from leaf to leaf when it is being eaten by caterpillars or aphids, signals to ramp up its chemical defenses against herbivory. While this remarkable response is initiated by physical damage, the electrical warning signal is not equivalent to a pain signal, and we should not anthropomorphize an injured plant as a plant in pain. Plants have exceptional abilities to respond to sunlight, gravity, wind, and even tiny insect bites, but (thankfully) their evolutionary successes and failures have not been shaped by suffering, just simple life and death.

SubQuestion No : 21

Q.21 The main theme of this passage is:

Ans

✔ 1. sensation of pain by plants

✘ 2. how to trim and maintain plants

✘ 3. different botanical species

✘ 4. rare types of plants

Question ID : **6549781462**
Status : **Answered**
Chosen Option : **1**

Comprehension:

Read the given passage and answer the questions that follow.

Do plants feel pain? Given that plants do not have pain receptors, nerves, or a brain, they do not feel pain as we members of the animal kingdom understand it. Uprooting a carrot or trimming a hedge is not a form of botanical torture, and you can bite into that apple without worry. However, it seems that many plants can perceive and communicate physical stimuli and damage in ways that are more sophisticated than previously thought.
Some plants have obvious sensory abilities, such as the Venus flytrap and its incredible traps that can close in about half a second. Similarly, the sensitive plant rapidly collapses its leaves in response to touch, an adaptation that might serve to startle away potential herbivores. While these plants visibly display a clear sensory capacity, recent research has shown that other plants are able to perceive and respond to mechanical stimuli at a cellular level. Arabidopsis (a mustard plant commonly used in scientific studies) sends out electrical signals from leaf to leaf when it is being eaten by caterpillars or aphids, signals to ramp up its chemical defenses against herbivory. While this remarkable response is initiated by physical damage, the electrical warning signal is not equivalent to a pain signal, and we should not anthropomorphize an injured plant as a plant in pain. Plants have exceptional abilities to respond to sunlight, gravity, wind, and even tiny insect bites, but (thankfully) their evolutionary successes and failures have not been shaped by suffering, just simple life and death.

SubQuestion No : 22

Q.22 Which statement sums up the concluding idea of the passage?

Ans

✘ 1. Some plants have their own systems of defence.

✘ 2. We must study how plants protect themselves from attack.

✔ 3. We must not sentimentalize the reactions of plants.

✘ 4. Some plants feel pain only when animals attack them.

Question ID : **6549781466**
Status : **Not Answered**
Chosen Option : **--**

Comprehension:

Read the given passage and answer the questions that follow.

Do plants feel pain? Given that plants do not have pain receptors, nerves, or a brain, they do not feel pain as we members of the animal kingdom understand it. Uprooting a carrot or trimming a hedge is not a form of botanical torture, and you can bite into that apple without worry. However, it seems that many plants can perceive and communicate physical stimuli and damage in ways that are more sophisticated than previously thought.
Some plants have obvious sensory abilities, such as the Venus flytrap and its incredible traps that can close in about half a second. Similarly, the sensitive plant rapidly collapses its leaves in response to touch, an adaptation that might serve to startle away potential herbivores. While these plants visibly display a clear sensory capacity, recent research has shown that other plants are able to perceive and respond to mechanical stimuli at a cellular level. Arabidopsis (a mustard plant commonly used in scientific studies) sends out electrical signals from leaf to leaf when it is being eaten by caterpillars or aphids, signals to ramp up its chemical defenses against herbivory. While this remarkable response is initiated by physical damage, the electrical warning signal is not equivalent to a pain signal, and we should not anthropomorphize an injured plant as a plant in pain. Plants have exceptional abilities to respond to sunlight, gravity, wind, and even tiny insect bites, but (thankfully) their evolutionary successes and failures have not been shaped by suffering, just simple life and death.

SubQuestion No : 23

Q.23 Which of the following would the writer describe as 'botanical torture'?

Ans

✗ 1. Trimming a hedge

✗ 2. Someone biting into a fruit

✓ 3. Attack by an insect

✗ 4. Uprooting a tuber

Question ID : **6549781464**
Status : **Answered**
Chosen Option : **1**

Comprehension:

Read the given passage and answer the questions that follow.

Do plants feel pain? Given that plants do not have pain receptors, nerves, or a brain, they do not feel pain as we members of the animal kingdom understand it. Uprooting a carrot or trimming a hedge is not a form of botanical torture, and you can bite into that apple without worry. However, it seems that many plants can perceive and communicate physical stimuli and damage in ways that are more sophisticated than previously thought.
Some plants have obvious sensory abilities, such as the Venus flytrap and its incredible traps that can close in about half a second. Similarly, the sensitive plant rapidly collapses its leaves in response to touch, an adaptation that might serve to startle away potential herbivores. While these plants visibly display a clear sensory capacity, recent research has shown that other plants are able to perceive and respond to mechanical stimuli at a cellular level. Arabidopsis (a mustard plant commonly used in scientific studies) sends out electrical signals from leaf to leaf when it is being eaten by caterpillars or aphids, signals to ramp up its chemical defenses against herbivory. While this remarkable response is initiated by physical damage, the electrical warning signal is not equivalent to a pain signal, and we should not anthropomorphize an injured plant as a plant in pain. Plants have exceptional abilities to respond to sunlight, gravity, wind, and even tiny insect bites, but (thankfully) their evolutionary successes and failures have not been shaped by suffering, just simple life and death.

SubQuestion No : 24

Q.24 According to the passage why do mustard plants send signals?

Ans

✗ 1. To survive in extreme climates

✓ 2. To prepare against attack

✗ 3. To keep themselves fresh and hydrated

✗ 4. To avoid losing their moisture

Question ID : **6549781463**
Status : **Answered**
Chosen Option : **2**

Comprehension:

Read the given passage and answer the questions that follow.

Do plants feel pain? Given that plants do not have pain receptors, nerves, or a brain, they do not feel pain as we members of the animal kingdom understand it. Uprooting a carrot or trimming a hedge is not a form of botanical torture, and you can bite into that apple without worry. However, it seems that many plants can perceive and communicate physical stimuli and damage in ways that are more sophisticated than previously thought.
Some plants have obvious sensory abilities, such as the Venus flytrap and its incredible traps that can close in about half a second. Similarly, the sensitive plant rapidly collapses its leaves in response to touch, an adaptation that might serve to startle away potential herbivores. While these plants visibly display a clear sensory capacity, recent research has shown that other plants are able to perceive and respond to mechanical stimuli at a cellular level. Arabidopsis (a mustard plant commonly used in scientific studies) sends out electrical signals from leaf to leaf when it is being eaten by caterpillars or aphids, signals to ramp up its chemical defenses against herbivory. While this remarkable response is initiated by physical damage, the electrical warning signal is not equivalent to a pain signal, and we should not anthropomorphize an injured plant as a plant in pain. Plants have exceptional abilities to respond to sunlight, gravity, wind, and even tiny insect bites, but (thankfully) their evolutionary successes and failures have not been shaped by suffering, just simple life and death.

SubQuestion No : 25

Q.25 Which of the following types of responses of the Venus flytrap does the passage refer to?

Ans
✗ 1. Emotional
✗ 2. Electrical
✗ 3. Chemical
✓ 4. Sensory

Question ID : **6549781465**
Status : **Answered**
Chosen Option : **4**

Section : **Quantitative Aptitude**

Q.1 Which of the following is divisible by 99?

Ans
✗ 1. 2776149
✓ 2. 2767149
✗ 3. 2767419
✗ 4. 2776419

Question ID : **6549781467**
Status : **Answered**
Chosen Option : **2**

Q.2 If $x^4 + x^2y^2 + y^4 = 91$, and $x^2 - xy + y^2 = 13$, then what is the value of $|x - y|$?

Ans
✗ 1. 8
✗ 2. 6
✗ 3. 2
✓ 4. 4

Question ID : **6549781491**
Status : **Not Answered**
Chosen Option : **--**

Q.3 A sum of ₹8,400 becomes ₹10,164 in 2 years at a certain rate percentage p.a., interest compounded yearly. What will be the simple interest on the same sum for $4\frac{3}{5}$ years at the same rate?

Ans
✔ 1. ₹3,864
✘ 2. ₹4,454
✘ 3. ₹4,032
✘ 4. ₹4,368

Question ID : **6549781484**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.4 The compound interest on a sum of ₹15,000 at 15% p.a. for $2\frac{2}{3}$ years, interest compounded annually, is (nearest to ₹1):

Ans
✘ 1. ₹6,795
✘ 2. ₹6,815
✘ 3. ₹6,781
✔ 4. ₹6,821

Question ID : **6549781483**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.5 Train X running at 50 km/h leaves station A at 11 a.m., and train Y running at 90 km/h on parallel tracks leaves station A at 3 p.m. on the same day and in the same direction. After what distance from station A will both the trains be together?

Ans
✘ 1. 400 km
✘ 2. 425 km
✘ 3. 430 km
✔ 4. 450 km

Question ID : **6549781487**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.6 The average of 31 numbers is 59. The average of the first 11 numbers is 53.9 and that of the last 21 numbers is 62.1. If the 11th number is excluded, then what is the average of the remaining numbers?

Ans
✘ 1. 57.4
✔ 2. 58.7
✘ 3. 59.2
✘ 4. 57.9

Question ID : **6549781469**
Status : **Not Answered**
Chosen Option : **--**

Q.7 If $(a+b):(b+c):(c+a)=5:12:11$, and $a+b+c=28$, then $\frac{1}{a}:\frac{1}{b}:\frac{1}{c}$ is equal to:

Ans
1. $2:3:9$
2. $2:9:3$
3. $9:6:2$ ✔
4. $6:9:2$

Question ID : **6549781481**
Status : **Answered**
Chosen Option : **3**

Q.8 Pipes X and Y can fill a tank in 30 minutes and 45 minutes, respectively, whereas pipe Z can empty the full tank in 1 hour. Pipes X and Y are opened together for 10 minutes. Then, pipe X is closed, Z is opened instantly and Y continued to fill. The total time (from the beginning) taken to fill the tank is:

Ans
1. 80 minutes
2. 100 minutes
3. 75 minutes
4. 90 minutes ✔

Question ID : **6549781486**
Status : **Answered**
Chosen Option : **4**

Q.9 A is 60% more than B and C is 45% less than twice the sum of B and A. By what percentage is C more than A?

Ans
1. 75.25
2. 76.50
3. 78.75 ✔
4. 77.25

Question ID : **6549781474**
Status : **Not Answered**
Chosen Option : **--**

Q.10 A certain sum is divided between A, B, C and D such that the ratio of the shares of A and B is 3 : 4, that of B and C is 5 : 6 and that of C and D is 9 : 10. If the difference between the shares of A and C is ₹3,240, then what is the share of D?

Ans
1. ₹9,520
2. ₹8,800
3. ₹8,640
4. ₹9,600 ✔

Question ID : **6549781480**
Status : **Answered**
Chosen Option : **2**

Q.11 What is the area (in cm^2) of a circle circumscribing a triangle whose sides are 28 cm, 45 cm and 53 cm?

Ans

✗ 1. $506\frac{1}{4}\pi$

✗ 2. $508\frac{1}{2}\pi$

✗ 3. $718\frac{1}{2}\pi$

✓ 4. $702\frac{1}{4}\pi$

Question ID : **6549781489**
Status : **Not Answered**
Chosen Option : **--**

Q.12 An article is sold for ₹799.50 after allowing two successive discounts of 18% and 22% on its marked price. The cost price of the article is ₹1,000. If it is sold at the marked price, then the gain is:

Ans

✓ 1. ₹250

✗ 2. ₹240

✗ 3. ₹300

✗ 4. ₹220

Question ID : **6549781472**
Status : **Not Answered**
Chosen Option : **--**

Q.13 The average score of 84 students (boys and girls) in a test is 57. The ratio of the number of boys to that of girls is 10 : 11. The average score of boys is 20% less than that of girls. What is the average score of girls in the test?

Ans

✗ 1. 68

✗ 2. 60

✗ 3. 65

✓ 4. 63

Question ID : **6549781470**
Status : **Not Answered**
Chosen Option : **--**

Q.14 Anu gains 18% on selling an article for ₹265.50. If she sells it for ₹231.30, then her gain or loss percentage is:

Ans

✗ 1. Gain : 2.4%

✗ 2. Loss : 2.4%

✗ 3. Loss : 2.8%

✓ 4. Gain : 2.8%

Question ID : **6549781477**
Status : **Not Answered**
Chosen Option : **--**

Q.15 A car travels a distance of x km at a speed of $5\frac{5}{9}$ m/s and returns at a speed of 5 m/s to the starting point. If the total time taken by the car is $3\frac{1}{6}$ hours, then the value of x is:

Ans
1. 40
2. 30 ✔
3. 36
4. 32

Question ID : **6549781488**
Status : **Not Answered**
Chosen Option : **--**

Q.16 A trader earns 20% profit by selling an article. If he increases the price of the article by ₹130, his gain percentage increases to 28%. What is the cost price of the article?

Ans
1. ₹1,620
2. ₹1,650
3. ₹1,600
4. ₹1,625 ✔

Question ID : **6549781478**
Status : **Not Answered**
Chosen Option : **--**

Q.17 A person spends 60% of his monthly income. If his income increases by 60% and the expenditure increases by 90%, then what is the percentage increase/decrease in his monthly savings?

Ans
1. Decrease by 25%
2. Decrease by 30%
3. Increase by 25%
4. Increase by 15% ✔

Question ID : **6549781476**
Status : **Not Answered**
Chosen Option : **--**

Q.18 The value of $\frac{2}{5} \div \frac{3}{10}$ of $\frac{4}{9} - \frac{4}{5} \times 1\frac{1}{9} \div \frac{8}{15} - \frac{3}{4} + \frac{3}{4} \div \frac{1}{2}$ is:

Ans

✗ 1. $\frac{7}{9}$

✗ 2. $\frac{23}{6}$

✗ 3. $\frac{4}{3}$

✓ 4. $\frac{25}{12}$

Question ID : **6549781468**
Status : **Not Answered**
Chosen Option : **--**

Q.19 A shopkeeper fixes the marked price of his goods at 25% above the cost price. He sells 60% of the goods at the marked price and the rest at a discount of 40%. What is his gain/loss percentage?

Ans

✓ 1. Gain : 5%

✗ 2. Loss : 4.8%

✗ 3. Loss : 5%

✗ 4. Gain : 4.8%

Question ID : **6549781473**
Status : **Not Answered**
Chosen Option : **--**

Q.20 If the average of 3-digit numbers 235, $2x5$, $x35$, $63x$ and 116 is 333, then what is the average of $x+1$, $x+3$ and $x+8$?

Ans

✗ 1. 9

✓ 2. 8

✗ 3. 10

✗ 4. 12

Question ID : **6549781471**
Status : **Not Answered**
Chosen Option : **--**

Q.21 The value of a machine depreciates at the rate of 25% each year. If the difference between its values at the end of the third and the fourth year is ₹17,199, then what is the value of the machine at the end of the first year?

Ans

✗ 1. ₹1,32,208

✗ 2. ₹1,63,072

✗ 3. ₹1,83,456

✓ 4. ₹1,22,304

Question ID : **6549781475**
Status : **Not Answered**
Chosen Option : **--**

Q.22 An article is sold at a profit of 15%. If both the cost price and the selling price of the article are reduced by ₹140 each, then the profit percentage becomes 19.2%. The cost price of the article is:

Ans
✗ 1. ₹560
✗ 2. ₹720
✗ 3. ₹680
✓ 4. ₹640

Question ID : **6549781479**
Status : **Not Answered**
Chosen Option : **--**

Q.23 A person lent out a certain sum at 12% p.a. simple interest. In 10 years, the interest was ₹2,148 more than the sum. The sum was:

Ans
✓ 1. ₹10,740
✗ 2. ₹11,540
✗ 3. ₹10,850
✗ 4. ₹10,600

Question ID : **6549781482**
Status : **Not Answered**
Chosen Option : **--**

Q.24 A certain number of persons can finish a task in 85 days. If there were 15 persons more, it would have taken 25 days less for the task to be completed. How many persons are there in the beginning?

Ans
✗ 1. 30
✗ 2. 45
✗ 3. 40
✓ 4. 36

Question ID : **6549781485**
Status : **Not Answered**
Chosen Option : **--**

Q.25 If $x^2 + 3y^2 + 4z^2 + 19 = 4\sqrt{3}(x + y + z)$, then the value of $(x - y + 4z)$ is:

Ans
✗ 1. $\frac{4\sqrt{3}}{3}$
✗ 2. $\frac{7\sqrt{3}}{2}$
✓ 3. $\frac{10\sqrt{3}}{3}$
✗ 4. $4\sqrt{3}$

Question ID : **6549781490**
Status : **Not Answered**
Chosen Option : **--**

Section : **General Awareness**

Q.1 The Koya Dance is associated with which of the following states?

Ans
1. Uttarakhand
2. Punjab
3. Odisha
4. Rajasthan

Question ID : **6549781494**
Status : **Answered**
Chosen Option : **1**

Q.2 The Buxa Tiger Reserve is located in:

Ans
1. Jharkhand
2. West Bengal
3. Chhattisgarh
4. Bihar

Question ID : **6549781503**
Status : **Answered**
Chosen Option : **2**

Q.3 At the Times of India Sports Award 2019, who or what was the winner of the 'Change Agent of the Year' award?

Ans
1. Rani Rampal
2. State of Odisha
3. Mayank Agarwal
4. Board of Control for Cricket of India

Question ID : **6549781510**
Status : **Not Answered**
Chosen Option : **--**

Q.4 What is the chemical symbol of Silver?

Ans
1. Sr
2. Sv
3. Ag
4. Au

Question ID : **6549781500**
Status : **Answered**
Chosen Option : **3**

Q.5 **How many Round Table Conferences, related to the political issues of India, was/were held during 1930-32?**

Ans

✗ 1. 4

✗ 2. 1

✗ 3. 2

✓ 4. 3

Question ID : **6549781508**
Status : **Not Answered**
Chosen Option : **--**

Q.6 **Who chaired the Indian Independence League in 1942 to formally launch the Indian National Army?**

Ans

✗ 1. Mohan Singh

✗ 2. Bipin Chandra Pal

✓ 3. Rash Behari Bose

✗ 4. Subhas Chandra Bose

Question ID : **6549781509**
Status : **Answered**
Chosen Option : **4**

Q.7 **In which year was the Simla Pact between India and Pakistan signed?**

Ans

✓ 1. 1972

✗ 2. 1969

✗ 3. 1971

✗ 4. 1970

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Question ID : **6549781513**
Status : **Not Answered**
Chosen Option : **--**

Q.8 **The game Chaugan was a medieval form of:**

Ans

✗ 1. volleyball

✗ 2. chess

✗ 3. carrom

✓ 4. polo

Question ID : **6549781507**
Status : **Not Answered**
Chosen Option : **--**

Q.9 Who is the author of 'Pax Indica'?

Ans
1. Rajdeep Sardesai
2. APJ Abdul Kalam
3. Gurucharan Das
4. Shashi Tharoor ✔

Question ID : **6549781512**
Status : **Not Answered**
Chosen Option : **--**

Q.10 In the context of mental health in India, what does the second 'N' (from left) stand for in NIMHANS?

Ans
1. Neuro ✔
2. Nano
3. Natural
4. Normal

Question ID : **6549781498**
Status : **Answered**
Chosen Option : **1**

Q.11 Which of the following was authored by the great poet Kalidasa?

Ans
1. Mattavilasa Prahasana
2. Vikramorvasiyam ✔
3. Mrichchhakatika
4. Amuktamalyada

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Question ID : **6549781506**
Status : **Not Answered**
Chosen Option : **--**

Q.12 Admiral Karambir Singh is the _____ Chief of the Naval Staff of India.

Ans
1. 20th
2. 29th
3. 22nd
4. 24th ✔

Question ID : **6549781495**
Status : **Not Answered**
Chosen Option : **--**

Q.13 How was Dhanpat Rai Shrivastava better known as?

Ans
1. Saadat Hasan Manto
2. Munshi Premchand
3. Ramdhari Singh Dinkar
4. Bhartendu Harishchandra

Question ID : **6549781511**
Status : **Not Answered**
Chosen Option : **--**

Q.14 What is the latitude (nearest to degrees north) of the southernmost point of mainland India?

Ans
1. 7
2. 9
3. 8
4. 6

Question ID : **6549781504**
Status : **Not Answered**
Chosen Option : **--**

Q.15 As on April 2020, which among the following is NOT a BJP-ruled state?

Ans
1. Madhya Pradesh
2. Kerala
3. Tripura
4. Uttar Pradesh

Question ID : **6549781515**
Status : **Answered**
Chosen Option : **2**

Q.16 How many hydrogen atoms are there in one molecule of toluene?

Ans
1. 7
2. 4
3. 8
4. 6

Question ID : **6549781499**
Status : **Not Answered**
Chosen Option : **--**

Q.17 Who among the following is known for his association with boxing?

Ans
✔ 1. Amit Panghal
✘ 2. Prannoy Kumar
✘ 3. Sushil Kumar
✘ 4. Krishan Pathak

Question ID : **6549781516**
Status : **Answered**
Chosen Option : **1**

Q.18 Area wise, which Indian state has the largest forest cover in the country as on December 2019?

Ans
✘ 1. Kerala
✔ 2. Madhya Pradesh
✘ 3. Arunachal Pradesh
✘ 4. Mizoram

Question ID : **6549781497**
Status : **Answered**
Chosen Option : **4**

Q.19 In December 2019, which Indian became the winner of Women's World Rapid Chess Championship title?

Ans
✘ 1. Padmini Rout
✔ 2. Koneru Humpy
✘ 3. Tania Sachdev
✘ 4. Harika Dronavalli

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Question ID : **6549781496**
Status : **Not Answered**
Chosen Option : **--**

Q.20 The Tropic of Cancer does NOT pass through _____.

Ans
✔ 1. Assam
✘ 2. Rajasthan
✘ 3. Gujarat
✘ 4. Tripura

Question ID : **6549781502**
Status : **Answered**
Chosen Option : **2**

Q.21 As on April 2020, who among the following is the Chief Minister of Karnataka?

Ans
1. K Hanumanthaiah
2. BS Yeddurappa
3. Siddaramaiah
4. HD Kumaraswamy

Question ID : **6549781514**
Status : **Answered**
Chosen Option : **2**

Q.22 Which of the following traditional theatre forms belongs to Kashmir?

Ans
1. Bhaona
2. Maach
3. Tamasha
4. Bhand Pather

Question ID : **6549781492**
Status : **Not Answered**
Chosen Option : **--**

Q.23 The Haji Ali Dargah is located in _____.

Ans
1. Mumbai
2. Gulbarga
3. Ajmer
4. Agra

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Question ID : **6549781493**
Status : **Not Answered**
Chosen Option : **--**

Q.24 What is the SI unit of mutual inductance?

Ans
1. Weber
2. Henry
3. Farad
4. Tesla

Question ID : **6549781501**
Status : **Not Answered**
Chosen Option : **--**

Q.25 What is the average elevation (in metres) of the Eastern Ghats?

Ans

✗ 1. 700 - 710

✓ 2. 600 - 610

✗ 3. 550 - 560

✗ 4. 500 - 510

Question ID : **6549781505**
Status : **Not Answered**
Chosen Option : **--**

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